

**SSP SPECIFIC HAZARD ATTACHMENT: DRUMS**

<b>Checklist of Requirements for Handling Drums (as well as Tanks, and Vaults)</b>	
<ul style="list-style-type: none"><li><input type="checkbox"/> Drums meet DOT, OSHA, EPA regulations for the waste they contain, including shipping</li><li><input type="checkbox"/> Drums are inspected and their integrity ensured prior to movement OR<ul style="list-style-type: none"><li><input type="checkbox"/> Drums are moved to an accessible location (staging area) prior to movement</li></ul></li><li><input type="checkbox"/> Unlabelled drums are treated as unknown until properly identified and labeled</li><li><input type="checkbox"/> Site activities are organized to minimize drum handling</li><li><input type="checkbox"/> Employees are properly warned about the hazards of moving and handling drums</li><li><input type="checkbox"/> Suitable overpack drums are available for addressing leaking and ruptured drums</li><li><input type="checkbox"/> Leaking materials from drums are properly contained</li><li><input type="checkbox"/> If they cannot be moved, drums are emptied of contents with proper transfer equipment</li><li><input type="checkbox"/> Suspected buried drums are surveyed with an underground detection system</li><li><input type="checkbox"/> Soil and cover material above buried material above buried drums are removed with caution</li><li><input type="checkbox"/> Proper fire-extinguishing equipment is on-scene to control incipient fires</li><li><input type="checkbox"/> Air lines on supplied air systems are protected from leaking drums</li><li><input type="checkbox"/> If drums are explosive, employees are at a safe distance, using remote equipment, and response equipment are behind protective shields</li><li><input type="checkbox"/> If workers are opening explosive drums, protective shields are in place</li><li><input type="checkbox"/> If atmosphere is flammable or potentially flammable, non-sparking tools are used</li><li><input type="checkbox"/> If drums are under extreme pressure, they are opened slowly and workers are protected by shields or sufficient distance</li><li><input type="checkbox"/> Workers are prohibited from standing and working on drums</li><li><input type="checkbox"/> Drum handling equipment is positioned and operated to minimize sources of ignition</li><li><input type="checkbox"/> If drums are shock sensitive, all non-essential employees are evacuated</li><li><input type="checkbox"/> If drums are shock sensitive, handling equipment has shields to protect workers</li><li><input type="checkbox"/> Alarms are in place to announce start and finish of handling of explosive drums</li><li><input type="checkbox"/> Continuous communications are in place between the drum handling site and the incident command post</li><li><input type="checkbox"/> Drums under pressure are properly controlled prior to handling</li><li><input type="checkbox"/> Drums containing packaged laboratory wastes are treated as shock sensitive</li><li><input type="checkbox"/> Lab pack are opened by trained and experience personnel</li><li><input type="checkbox"/> Lab packs that show crystallization are treated as shock sensitive</li><li><input type="checkbox"/> Drum staging areas are managed with well-marked access and egress</li><li><input type="checkbox"/> Drums are bulked only after drum contents have been properly identified</li></ul>	
<b>Distributed by:</b>	<b>Date/time briefed:</b>